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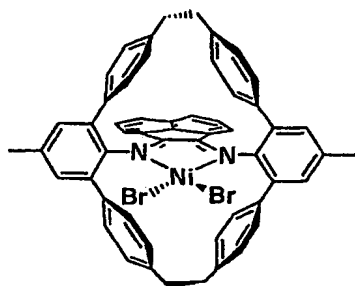
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(54) Title: MACROCYCLIC METAL COMPLEXES AND THEIR USES AS POLYMERIZATION CATALYSTS



(II)

(57) Abstract: Compositions comprising cyclophane metal complexes, methods for polymerization using such cyclophane metal complexes as catalysts and polymer compositions produced by such methods. Examples of polymers that may be manufactured by these methods include polyethylenes and polyolefins. The cyclophane metal complexes of this invention are stable at high temperatures and thus may be used to catalyze polymerization reactions that occur fully or partially at high temperatures (e.g., temperatures above 50°C).